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Bozeman, Montana 59715

COMMERCIAL FERTILIZER REPORT
Issued by
The Department of Agriculture, State of Montana, Helena, Montana
and
The Agricultural Experiment Station, Montana State University, Bozeman, Montana

NAME AND ADDRESS OF MANUFACTURER BRAND AND NAME OF PRODUCT	PLACE OF COLLECTION	SAMPLE NUMBER	TOTAL NITROGEN	AVAILABLE PHOSPHORIC ACID (P_2O_5)	SOLUBLE POTASH (K_2O)
AGRO SUPPLY 3440 Winchell Lane, Rte. #4 Billings, Montana 59102					
0-0-60	Roberts	2-0195			60 60.2
CARGILL COMPANY 1330 Cargill Bldg. Minneapolis, Minnesota 55402					
0-46-0	Sidney	2-314		46.0 47.2	
18-46-0	Sidney	2-315	18.0 18.0	46.0 47.4	
C F INDUSTRIES 100 South Wacker Drive Chicago, Illinois 60606					
0-45-0	Denton	2-1071		45 46.9	
0-45-0	Chester	2-1061		45 45.6	
0-45-0	Belgrade	2-1416		45 45.2	
0-45-0	Stevensville	2-1391		45 46.2	
0-45-0	Kalispell	2-1386		45 44.6	
0-0-50	Kalispell	2-1384			50 50.8
0-0-60	Denton	2-1437			60.0 60.2
0-0-60	Geraldine	2-1209			60 60.6
0-0-60	Lewistown	2-1073			60 60.6
0-0-60	Fairfield	2-1183			60 60
0-0-60	Conrad	2-1170			60 60.4

Deficient Beyond Tolerance - Underscored
Not Registered - *

NAME AND ADDRESS OF MANUFACTURER BRAND AND NAME OF PRODUCT	PLACE OF COLLECTION	SAMPLE NUMBER	TOTAL NITROGEN		AVAILABLE PHOSPHORIC ACID (P_2O_5)		SOLUBLE POTASH (K_2O)	
C F INDUSTRIES CONTINUED								
0-0-60	Belgrade	2-1414					60	61.4
0-0-60	Townsend	2-1124					60	60.2
11-48-0	Conrad	2-1168	11	11.3	48	48.2		
11-48-0	Chinook	2-1086	11	11.0	48	49.0		
11-48-0	Dutton	2-1404	11	11.9	48	48.6		
11-55-0	Power	2-1431	11.0	11.2	55.0	56.2		
11-55-0	Geraldine	2-1436	11.0	11.0	55.0	56.6		
11-55-0	Stanford	2-1444	11.0	11.3	55.0	56.2		
11-55-0	Denton	2-1069	11	11.0	55	55.6		
11-55-0	Great Falls	2-1397	11	11.6	55	55.6		
11-55-0	Power	2-1402	11	11.7	55	56.6		
16-20-0	Conrad	2-1169	16	16.1	20	20.0		
16-20-0	Stevensville	2-1393	16	16.5	20	20.0		
16-20-0	Chinook	2-1085	16	15.9	20	20.9		
16-20-0	Kalispell	2-1105	16	16.1	20	22.3		
16-20-0	Townsend	2-1123	16	16.0	20	19.8		
18-46-0	Valier	2-1428	18.0	18.3	46.0	47.5		
18-46-0	Power	2-1430	18.0	17.5	46.0	47.8		
18-46-0	Geraldine	2-1435	18.0	18.5	46.0	48.4		
18-46-0	Denton	2-1438	18.0	18.2	46.0	47.2		
18-46-0	Chinook	2-1087	18	18.0	46	46.8		
18-46-0	Ronan	2-1096	18	18.06	46	46.0		
18-46-0	Townsend	2-1122	18	18.0	46	47.2		
18-46-0	Belgrade	2-1415	18	17.8	46	46.8		
18-46-0	Denton	2-1068	18	18.2	46	46.4		
18-46-0	Fort Benton	2-1204	18	17.8	46	48.0		
18-46-0	Chester	2-1063	18	17.8	46	46.4		
18-46-0	Conrad	2-1172	18	17.7	46	46.7		
18-46-0	Valier	2-1167	18	18.2	46	47.2		
18-46-0	Stevensville	2-1392	18	18.4	46	48.6		
18-46-0	Kalispell	2-1388	18	18.6	46	47.2		
18-46-0	Dutton	2-1403	18	18.9	46	47.6		
21-0-0	Stevensville	2-1389	21	21.2				
21-0-0	Kalispell	2-1385	21	21.3				
23-23-0	Billings	2-379	23.0	23.1	23.0	23.8		
33.5-0-0	Valier	2-1427	33.5	33.7				
34-0-0	Stevensville	2-1309	34	34.6				
34-0-0	Conrad	2-1171	34	34.1				
34-0-0	Fairfield	2-1423	34.0	34.7				

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NAME AND ADDRESS OF MANUFACTURER BRAND AND NAME OF PRODUCT	PLACE OF COLLECTION	SAMPLE NUMBER	TOTAL NITROGEN		AVAILABLE PHOSPHORIC ACID (P_2O_5)		SOLUBLE POTASH (K_2O)	
C F INDUSTRIES CONTINUED								
34-0-0	Kalispell	2-1106	34.0	34.1				
34-0-0	Townsend	2-1121	34	34.0				
34-0-0	Belgrade	2-1417	34	34.4				
34-0-0	Chester	2-1062	34	34.1				
34-0-0	Lewistown	2-1074	34	34.4				
34-0-0	Stanford	2-1079	34	34.3				
34-0-0	Geraldine	2-1210	34	34.2				
34-0-0	Denton	2-1070	34	34.3				
CHEVRON CHEMICAL COMPANY Ortho Division 940 Hensley Street Richmond, California 94804								
0-45-0	Sheridan	2-1196			45	45.6		
16-16-16	Sheridan	2-1198	16	15.6	16	16.2	16	16.4
16-16-16	Hamilton	2-1175	16	15.8	16	16.4	16	16.2
16-20-0	Billings	2-0162A	16	16.2	20	20.1		
16-20-0	Billings	2-0162B	16	16.07	20	20.15		
16-20-0	Sheridan	2-1197	16	15.1	20	23.4		
16-20-0	Hamilton	2-1176	16	15.5	20	22.3		
16-20-0	Absarokee	2-0198	16	15.7	20	20.17		
16-20-0	Hamilton	2-1115	16	16.0	20	20.0		
18-46-0	Hamilton	2-1174	18	18.0	46	47.1		
18-46-0	Hamilton	2-1114	18	17.9	46	46.0		
22-22-0	Hamilton	2-1177	22	21.6	22	22.5		
22-22-0	Sheridan	2-1200	22	21.6	22	22.5		
22-22-0	Dillon	2-1407	22	23.9	22	19.1		
22-22-0	Billings	2-0161	22	21.9	22	22.0		
25-12-0	Hamilton	2-1454	25.0	27.1	12.0	12.3		
27-12-0	Sheridan	2-1199	27	27.0	12	12.5		
27-12-0	Billings	2-0169	27	26.7	12	12.1		
27-12-0	Absarokee	2-0199	27	26.6	12	12.0		
27-12-0	Dillon	2-1406	27	27.0	12	12.4		
33.5-0-0	Hamilton	2-1173	33.5	33.9				
34-0-0	Hamilton	2-1453	34.0	35.0				
34-0-0	Kalispell	2-1035	34.0	33.7				
34-0-0	Dillon	2-1192	34	34.0				
34-0-0	Kalispell	2-1382	34	34.8				

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NAME AND ADDRESS OF MANUFACTURER BRAND AND NAME OF PRODUCT	PLACE OF COLLECTION	SAMPLE NUMBER	TOTAL NITROGEN		AVAILABLE PHOSPHORIC ACID (P_2O_5)		SOLUBLE POTASH (K_2O)	
CHEVRON CHEMICAL COMPANY CONTINUED								
34-0-0	Hamilton	2-1116	34	34.2				
34-0-0	Hamilton	2-1110	34	34.1				
34-0-0	Ronan	2-1095	34	34.0				
34-0-0	Ronan	2-1099	34	34.0				
34-0-0	Hysham	2-0171	34	34.0				
34-0-0	Billings	2-0160	34	33.9				
COMINCO AMERICAN West 818 Riverside Ave. Spokane, Washington 99201								
0-0-60	Bridger	2-0193					60	60.2
0-0-60	Hardin	2-0137					60	60.8
0-0-60	Ronan	2-1100					60	60.0
0-0-60	Belgrade	2-1125					60	60.2
11-48-0	Wibaux	2-336	11.0	11.3	48.0	48.6		
11-55-0	Baker	2-335	11.0	11.0	55.0	56.2		
11-55-0	Glendive	2-344	11.0	11.4	55.0	56.0		
11-55-0	Fort Benton	2-1432	11.0	11.5	55.0	56.1		
11-55-0	Fort Benton	2-1433	11.0	11.3	55.0	55.0		
11-55-0	Moccasin	2-1440	11.0	11.3	55.0	56.6		
11-55-0	Stanford	2-1078	11.0	11.1	55	56.0		
11-55-0	Ronan	2-1102	11	11.3	55	55.0		
11-55-0	Power	2-1401	11	11.5	55	56.4		
11-55-0	Great Falls	2-1395	11	11.6	55	55.8		
11-55-0	Belgrade	2-1412	11	11.7	55	54.8		
12-36-12	Lambert	2-0115	12	12.0	36	37.6	12	11.5
16-48-0	Billings	2-0097	16	16.2	48	48.0		
18-46-0	Baker	2-334	18.0	18.2	46.0	47.0		
18-46-0	Wibaux	2-338	18.0	18.3	46.0	46.6		
18-46-0	Glendive	2-345	18.0	18.0	46.0	46.6		
18-46-0	Lambert	2-0113	18.0	17.8	46.0	46.2		
18-46-0	Roberts	2-0196	18	18.0	46	46.4		
18-46-0	Bridger	2-0192	18	18.0	46	46.2		
21-0-0	Ronan	2-1104	21	20.8				
21-0-0	Stevensville	2-1107	21	20.7				
28-14-0	Wibaux	2-337	28.0	28.6	14.0	13.5		
34-0-0	Baker	2-333	34	33.8				
34-0-0	Belgrade	2-1127	34	33.7				

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COMINCO AMERICAN CONTINUED							
34-0-0	Chinook	2-1082	34	33.8			
34-0-0	Fort Benton	2-1203	34	33.9			
34-0-0	Moccasin	2-1076	34	34.2			
34-0-0	Stanford	2-1077	34	34.2			
23-23-0	Glendive	2-346	23.0	21.0	23.0	32.0	
ENJAY CHEMICAL COMPANY 1333 West Loop South Houston, Texas 77027							
11-48-0	Livingston	2-355	11.0	11.4	48.0	49.0	
11-48-0	Billings	2-383	11.0	11.1	48.0	49.4	
11-48-0	Harlowtown	2-394	11.0	11.1	48.0	49.4	
11-48-0	Fort Benton	2-1203	11	11.0	48	48.4	
11-55-0	Roundup	2-0204	11	11.3	55	55.4	
11-55-0	Great Falls	2-1398	11	11.6	55	56.2	
16-20-0	Livingston	2-354	16.0	16.5	20.0	21.5	
16-20-0	Billings	2-378	16.0	16.5	20.0	20.6	
16-20-0	Harlowtown	2-393	16.0	16.4	20.0	22.2	
16-20-0	Billings	2-0096	16	16.0	20.0	20.5	
16-20-0	Stevensville	2-1109	16	16.1	20	21.7	
18-46-0	Fairfield	2-1449	18.0	18.8	46.0	47.4	
18-46-0	Billings	2-0094	18	18.2	46	47.6	
18-46-0	Denton	2-1212	18	18.0	46	47.2	
18-46-0	Great Falls	2-1399	18	18.6	46	47.4	
18-46-0	Belgrade	2-1413	18	18.6	46	47.0	
23-23-0	Billings	2-384	23.0	24.2	23.0	22.3	
23-23-0	Billings	2-0092	23	22.5	23	24.0	
27-14-0	Livingston	2-353	27.0	27.6	14.0	14.0	
27-14-0	Billings	2-380	27.0	26.7	14.0	16.7	
27-14-0	Billings	2-0093	27	27.0	14	14.6	
27-14-0	Roundup	2-0205	27	26.4	14	18.9	
34-0-0	Billings	2-381	34.0	34.2			
34-0-0	Great Falls	2-1044	34	34.0			
34-0-0	Valier	2-1166	34	34.1			
34-0-0	Great Falls	2-1045	34	34.0			
34-0-0	Belgrade	2-1051	34	34.1			
34-0-0	Belgrade	2-1052	34	33.9			
34-0-0	Belgrade	2-1053	34	34.0			

Deficient Beyond Tolerance - Underscored
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NAME AND ADDRESS OF MANUFACTURER BRAND AND NAME OF PRODUCT	PLACE OF COLLECTION	SAMPLE NUMBER	TOTAL NITROGEN		AVAILABLE PHOSPHORIC ACID (P_2O_5)		SOLUBLE POTASH (K_2O)	
ENJAY CHEMICAL COMPANY CONTINUED								
34-0-0	Belgrade	2-1055	34	34.0				
34-0-0	Belgrade	2-1056	34	34.0				
FARMERS UNION GRAIN TERMINAL ASS'N 650 6th St. S.W. Great Falls, Montana 59401								
12-36-12	Broadview	2-0106	12	13.8	36	35.2	12	10.7
FARMERS UNION P. O. Box G St. Paul, Minnesota 55105								
0-45-0	Malta	2-325			45.0	47.4		
0-45-0	Glendive	2-341			45.0	45.0		
0-45-0	Worden	2-387			45.0	46.8		
0-45-0	Broadview	2-390			45.0	45.4		
0-45-0	Broadview	2-0104			45	45.0		
0-45-0	Harlem	2-0071			45	46.5		
0-45-0	Froid	2-0118			45	46.5		
0-45-0	Richland	2-0180			45	45.0		
0-45-0	Worden	2-0163			45	45.6		
0-45-0	Glendive	2-0129			45	45.8		
0-45-0	Columbus	2-0201			45	45.0		
0-33-16	Harlem	2-0070			33	34.6	16	14.7
0-0-60	Glendive	2-342					60.0	60.2
0-0-60	Hysham	2-356					60.0	61.0
0-0-60	Billings	2-364					60.0	60.2
0-0-60	Billings	2-374					60.0	61.0
0-0-60	Worden	2-388					60.0	60.2
0-0-60	Froid	2-0117					60	60.0
0-0-60	Billings	2-0157					60	60.8
0-0-60	Worden	2-0166					60	60.0
0-0-60	Glendive	2-0128					60	60.8
0-0-60	Kinsey	2-0228					60	61.2
11-48-0	Richland	2-0185	11	11.2	48	48.6		
11-55-0	Billings	2-367	11.0	11.5	55.0	55.8		
11-55-0	Broadview	2-389	11.0	11.2	55.0	56.2		
11-55-0	Broadview	2-0103	11	11.1	55	55.2		

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FARMERS UNION CONTINUED								
16-20-0	Kinsey	2-352	16.0	19.0	20.0	19.2		
16-20-0	Richland	2-0183	16	16.2	20	21.1		
16-20-0	Hardin	2-0139	16	16.3	20	19.7		
18-46-0	Malta	2-326	18.0	18.4	46.0	47.0		
18-46-0	Glendive	2-339	18.0	17.7	46.0	47.2		
18-46-0	Kinsey	2-348	18.0	17.7	46.0	47.2		
18-46-0	Kinsey	2-350	18.0	18.0	46.0	47.6		
18-46-0	Hysham	2-357	18.0	17.6	46.0	46.8		
18-46-0	Billings	2-365	18.0	18.4	46.0	46.2		
18-46-0	Worden	2-385	18.0	18.2	46.0	47.0		
18-46-0	Broadview	2-391	18.0	18.3	46.0	46.8		
18-46-0	Billings	2-0155	18	17.5	46	46.6		
18-46-0	Froid	2-0120	18	17.6	46	46.8		
18-46-0	Harlem	2-0073	18	17.8	46	46.4		
18-46-0	Broadview	2-0105	18	17.8	46	46.6		
18-46-0	Richland	2-0184	18	18.1	46	46.0		
18-46-0	Hysham	2-0169	18	17.8	46	46.6		
18-46-0	Worden	2-0164	18	18.0	46	46.8		
18-46-0	Glendive	2-0127	18	18.0	46	47.3		
18-46-0	Columbus	2-0203	18	18.2	46	46.0		
20-0-0	Billings	2-0158	20	20.6				
20-20-12	Harlem	2-0069	20	17.3	20	21.4	12	16.2
21-0-0	Kinsey	2-349	21.0	20.8				
21-0-0	Glendive	2-340	21.0	20.8				
21-0-0	Billings	2-366	21.0	20.7				
21-0-0	Glendive	2-0130	21	20.8				
23-23-0	Hardin	2-0140	23	23.1	23	23.3		
27-14-0	Hardin	2-0141	27	27.0	14	15.5		
30-10-0	Richland	2-0181	30	30.4	10	10.2		
30-10-0	Worden	2-0167	30	30.4	10	11.3		
30-10-0	Columbus	2-0200	30	28.7	10	10.8		
33.5-0-0	Hysham	2-359	33.5	33.9				
34-0-0	Great Falls	2-1396	34.0	34.0				
34-0-0	Malta	2-327	34.0	34.5				
34-0-0	Glendive	2-343	34.0	34.0				
34-0-0	Kinsey	2-347	34.0	34.1				
34-0-0	Billings	2-363	34.0	34.3				
34-0-0	Worden	2-386	34.0	34.1				
34-0-0	Broadview	2-392	34.0	34.1				

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FARMERS UNION CONTINUED								
34-0-0	Columbus	2-0202	34.0	34.1				
34-0-0	Hardin	2-0138	34.0	34.0				
34-0-0	Glendive	2-0131	34.0	34.2				
34-0-0	Hysham	2-0160	34	34.1				
34-0-0	Worden	2-0165	34	34.4				
34-0-0	Billings	2-0156	34	34.0				
34-0-0	Richland	2-0182	34	34.0				
34-0-0	Froid	2-0119	34	34.4				
34-0-0	Cut Bank	2-1163	34	34.1				
34-0-0	Harlem	2-0072	34	34.0				
HI LINE FERTILIZER Box 226 Hingham, Montana 59528								
10-33-0	Hingham	2-2002	10	9.3	33	33.7		
NORTHWEST NITRO-CHEMICALS SALES LTD. P. O. Box 310 Medicine Hat, Alberta, Canada								
0-45-0	Glasgow	2-0076			45	45.4		
0-45-0	Hardin	2-0142			45	45.4		
0-0-62	Cut Bank	2-1065			62	62.2		
11-48-0	Glasgow	2-329	11.0	11.3	48.0	48.6		
11-48-0	Willsall	2-398	11.0	11.0	48.0	49.0		
11-48-0	Conrad	2-1425	11.0	11.2	48.0	48.0		
11-48-0	Culbertson	2-0116	11	10.8	48	48.0		
11-48-0	Geraldine	2-1207	11	10.8	48	48.8		
11-48-0	Rudyard	2-1060	11	10.8	48	48.0		
11-48-0	Dutton	2-1188	11	11.0	48	48.0		
11-48-0	Glasgow	2-0074	11	11.0	48	48.8		
11-48-0	Madoc	2-0179	11	11.0	48	48.0		
11-48-0	Shelby	2-1088	11	11.0	48	48.6		
11-55-0	Carter	2-1201	11	11.3	55	55.8		
12-36-12	Broadview	2-0102	12	12.3	36	36.0	12	11.9
16-20-0	Laurel	2-376	16.0	16.1	20.0	20.0		
16-20-0	White Sulphu	2-397	16.0	16.2	20.0	20.2		
16-20-0	Willsall	2-400	16.0	16.1	20.0	20.1		

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NORTHWEST NITRO-CHEMICALS SALES LTD. CONTINUED								
16-20-0	Miles City	2-322	16.0	16.2	20.0	20.2		
16-20-0	Manhattan	2-1421	16.0	16.0	20.0	20.6		
16-20-0	Conrad	2-1187	16	16.1	20	20.2		
16-20-0		2-1089	16	15.7	20.0	19.8		
16-20-0	Laurel	2-0188	16	15.8	20.0	20.1		
16-20-0	Dillon	2-1409	16	16.2	20	19.3		
16-20-0	Hardin	2-0144	16	15.8	20	20.0		
16-20-0	Madoc	2-0178	16	15.8	20	19.8		
18-46-0	Glasgow	2-330	18.0	18.0	46.0	47.0		
18-46-0	White Sulphu	2-396	18.0	18.0	46.0	47.2		
18-46-0	Willsall	2-399	18.0	18.0	46.0	47.6		
18-46-0	Miles City	2-320	18.0	18.1	46.0	47.0		
18-46-0	Manhattan	2-1422	18.0	18.0	46.0	46.7		
18-46-0	Conrad	2-1426	18.0	18.3	46.0	46.5		
18-46-0	Valier	2-1429	18.0	18.0	46.0	46.5		
18-46-0	Hamilton	2-1450	18.0	18.1	46.0	46.8		
18-46-0	Fairfield	2-1180	18.0	17.7	46.0	46.8		
18-46-0	Glasgow	2-0077	18	17.9	46.0	46.1		
18-46-0	Rudyard	2-1059	18	17.8	46	46.2		
18-46-0	Geraldine	2-1206	18	17.7	46	47.0		
18-46-0	Sidney	2-0108	18	18.0	46	47.0		
18-46-0	Sidney	2-0110	18	17.9	46	47.0		
18-46-0	Wolf Point	2-0080	18	17.8	46	46.0		
18-46-0	Laurel	2-0189	18	17.8	46	46.8		
18-46-0	Madoc	2-0177	18	17.9	46	46.0		
18-46-0	Hardin	2-0145	18	17.7	46	47.4		
18-46-0	Shelby	2-1091	18	17.6	46	46.8		
18-46-0	Dutton	2-1189	18	17.5	46	46.2		
18-46-0	Hamilton	2-1112	18	17.8	46	47.2		
18-46-0	Kinsey	2-0226	18	18.0	46	47.8		
18-46-0	Dutton	2-1405	18	18.4	46	47.2		
18-46-0	Sidney	2-0229	18	17.9	46	47.2		
21-0-0	Kinsey	2-0225	21	21.0				
23-23-0	Dutton	2-1190	23	23.5	23	22.8		
25-25-0	Wolf Point	2-0078	25	25.7	25	25.2		
27-14-0	Moccasin	2-1075	27	25.8	14	16.9		
29-14-0	Deer Lodge	2-1118	29	28.9	14	15.2		
29-14-0	Dillon	2-1178	29	29.0	14	15.1		

eficient Beyond Tolerance - Underscored
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NAME AND ADDRESS OR MANUFACTURER BRAND AND NAME OF PRODUCT	PLACE OF COLLECTION	SAMPLE NUMBER	TOTAL NITROGEN		AVAILABLE PHOSPHORIC ACID (P_2O_5)		SOLUBLE POTASH (K_2O)	
NORTHWEST NITRO-CHEMICALS SALES LTD. CONTINUED								
29-14-0	Laurel	2-0187	29	28.8	14	14.8		
29-14-0	White Sulphu	2-0061	29	24.8	14	21.8		
29-14-0	Deer Lodge	2-1394	29	29.5	14	14.9		
29-14-0	Dillon	2-1411	29	28.5	14	17.2		
34-0-0	Glasgow	2-331	34.0	34.7				
34-0-0	Laurel	2-375	34.0	34.0				
34-0-0	Miles City	2-321	34.0	34.0				
34-0-0	Manhattan	2-1420	34.0	33.2				
34-0-0	Stanford	2-1442	34.0	34.1				
34-0-0	Dillon	2-1410	34	34.2				
34-0-0	Sidney	2-0230	34	34.3				
34-0-0	Kinsey	2-0227	34	34.0				
34-0-0	Deer Lodge	2-1117	34	34.2				
34-0-0	Hardin	2-0143	34	34.0				
34-0-0	Wolf Point	2-0079	34	34.0				
34-0-0	Sidney	2-0111	34	33.9				
34-0-0	Geraldine	2-1208	34	34.2				
34-0-0	Carter	2-1202	34	34.1				
34-0-0	Glasgow	2-0075	34	34.0				
34-0-0	Fairfield	2-1184	34	34.0				
PHILLIPS PETROLEUM COMPANY Box 2123 Spokane, Washington 99201								
34-0-0	Great Falls	2-1191	34	33.9				
SELSTAD SOIL SERVICE Rt. 1 West Great Falls, Montana 59401								
10-33-0	Great Falls	2-1418	10	9.7	33	33.0		
SHERRITT FERTILIZERS 103 Cascade Plaza 2828 S.W. Corbett Avenue Portland, Oregon 97201								
11-48-0	Rudyard	2-1446	11.0	11.3	48.0	48.8		

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SHERRITT FERTILIZERS CONTINUED								
11-48-0	Cut Bank	2-1094	11	10.8	48	48.0		
11-48-0	Chester	2-1064	11	11.0	48	48.4		
16-20-0	Cut Bank	2-1092	16	14.8	20	28.3		
18-46-0	Rudyard	2-1447	18.0	18.9	46.0	47.2		
18-46-0	Cut Bank	2-1093	18	17.6	46	46.8		
18-46-0	Cut Bank	2-1067	18	18.0	46	47.4		
21-0-0	Fairfield	2-1182	21	20.8				
26-13-0	Coffee Creek	2-1211	26	25.2	13	14.5		
34-0-0	Rudyard	2-1448	34.0	34.6				
J. R. SIMPLOT COMPANY Minerals and Chemical Division P. O. Box 912 Pocatello, Idaho 83201								
0-45-0	Lindsay	2-318			45.0	46.4		
0-45-0	Billings	2-371			45.0	46.6		
0-45-0	Billings	2-382			45.0	47.0		
0-45-0	Harlowtown	2-395			45.0	45.4		
0-45-0	Miles City	2-324			45.0	46.0		
0-45-0	Stanford	2-1443			45.0	46.4		
0-45-0	Lewistown	2-1072			45	45.6		
0-45-0	Sidney	2-0107			45	45.2		
0-45-0	Cut Bank	2-1164			45	45.5		
0-45-0	Billings	2-0095			45	45.6		
0-45-0	Broadview	2-0101			45	45.6		
0-45-0	Fairfield	2-1181			45	46.6		
0-45-0	Dillon	2-1179			45	46.8		
0-45-0	Dillon	2-1408			45	45.8		
0-45-0	Hardin	2-0133			45	45.8		
0-45-0	Roberts	2-0197			45	45.2		
0-0-60	Miles City	2-323					60.0	60.2
11-48-0	Sidney	2-316	11.0	11.5	48.0	50.0		
11-48-0	Lindsay	2-319	11.0	12.0	48.0	47.0		
11-48-0	Billings	2-373	11.0	11.0	48.0	49.6		
11-48-0	Cut Bank	2-1165	11.0	10.7	48	47.3		
11-48-0	Broadview	2-0100	11	10.8	48	48.4		
16-20-0	Hysham	2-361	16.0	16.7	20.0	19.9		
16-20-0	Billings	2-372	16.0	16.0	20.0	20.9		

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J. R. SIMPLOT COMPANY CONTINUED								
16-20-0	Kalispell	2-1037	16	15.6	20	19.6		
16-20-0	Hardin	2-0132	16	16.0	20	19.8		
16-20-0	Stevensville	2-1108	16	15.8	20	21.0		
16-20-0	Kalispell	2-1383	16	16.7	20	19.1		
18-46-0	Hysham	2-360	18.0	17.0	46.0	47.2		
18-46-0	Billings	2-369	18.0	18.0	46.0	47.6		
18-46-0	Fairfield	2-1424	18.0	18.0	46.0	47.4		
18-46-0	Moccasin	2-1439	18.0	17.7	46.0	47.8		
18-46-0	Stanford	2-1445	18.0	18.1	46.0	48.0		
18-46-0	Moccasin	2-1441	18.0	18.0	46.0	47.8		
18-46-0	Broadview	2-0098	18	17.8	46.0	46.4		
18-46-0	Cut Bank	2-1066	18	17.7	46	46.8		
18-46-0	Sidney	2-0109	18	17.9	46	46.8		
18-46-0	Sidney	2-0112	18	17.6	46	46.1		
18-46-0	Hardin	2-0134	18	17.9	46	46.8		
18-46-0	Power	2-1400	18	18.3	46	47.8		
21-0-0	Hardin	2-0135	21	20.8				
25-25-0	Fairfield	2-1185	25	24.5	25	25.6		
28-14-0	Fairfield	2-1186	28	27.9	14	15.1		
34-0-0	Hysham	2-362	34.0	34.2				
34-0-0	Billings	2-370	34.0	34.0				
34-0-0	Hardin	2-0136	34	33.8				
STAUFFER CHEMICAL COMPANY 636 California Street San Francisco, California 94119								
0-45-0	Chinook	2-1083			45	46.7		
0-45-0	Bridger	2-0190			45	45.2		
16-20-0	Hamilton	2-1452	16.0	16.1	20.0	20.2		
16-20-0	Chinook	2-1084	16.0	15.9	20	20.0		
18-46-0	Hamilton	2-1451	18.0	18.2	46.0	45.8		
18-46-0	Chinook	2-1081	18.0	18.1	46.0	44.4		
USS AGRI CHEMICALS P. O. Box 87 Winona, Minnesota 55987								
15-40-0	Sidney	2-317	15.0	15.1	40.0	40.0		

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CF INDUSTRIES								
0-0-60	Power	2-1144					60	60.6
0-0-60	Fairfield	2-1128					61	61.4
11-48-0	Conrad	2-1138	11	11.0	48	48.8		
16-20-0	Conrad	2-1137	16	16.2	20	21.9		
18-46-0	Conrad	2-1136	18	17.7	46	46.8		
18-46-0	Cut Bank	2-1150	18	18.5	46	46.6		
30-10-0	Valier	2-1135	30	30.7	10	10.4		
COMINCO AMERICAN								
10-30-10	Glendive	2-0215	10	10.1	30	29.6	10	10.7
21-0-0	Power	2-1142	21	20.7				
34-0-0	Glendive	2-0217	34	33.7				
JAY CHEMICAL								
18-46-0	Fairfield	2-1130	18	18.4	46	47.3		
34-0-0	Fairfield	2-1129	34	34.2				
GENERAL MILLS								
17-22.5-0	Choteau	2-1132	17	19.1	22.5	20.5		
NORTHWEST NITRO								
11-48-0	Glendive	2-0214	11	10.9	48	47.0		
16-20-0	Miles City	2-0208	16	15.8	20	20.0		
16-20-0	Ronan	2-1103	16	15.9	20	20.1		
16-20-0	Hamilton	2-1113	16	15.7	20	19.6		
16-20-0	Deer Lodge	2-1119	16	15.7	20	19.9		
18-46-0	Power	2-1139	18	17.8	46	46.8		
18-46-0	Glendive	2-0216	18	17.6	46	46.6		
18-46-0	Miles City	2-0209	18	17.1	46	46.4		
29-14-0	Hamilton	2-1111	29	30.7	14	7.9		
34-0-0	Valier	2-1133	34	34.0				
34-0-0	Power	2-1140	34	34.2				
34-0-0	Cut Bank	2-1151	34	34.1				
34-0-0	Miles City	2-0210	34	33.9				

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J. R. SIMPLOT							
0-45-0	Fairfield	2-1131			45	43.8	
0-45-0	Glendive	2-0213			45	46.5	
0-45-0	Miles City	2-0207			45	45.2	
16-20-0	Cut Bank	2-1149	16	16.0	20	20.4	
18-46-0	Power	2-1141	18	17.6	46	45.7	
18-46-0	Valier	2-1134	18	18.2	46	47.9	
WESTERN CO-OP FERTILIZER LIMITED CALGARY, ALBERTA through FARMERS UNION CENTRAL EXCHANGE							
34-0-0	Power	2-1143	34	34.0			
WYCON CHEMICAL COMPANY P. O. Box 1087 Colorado Springs, Colorado 80901							
34-0-0	Roberts	2-0194	34	34.2			
34-0-0	Bridger	2-0191	34	34.1			

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THE FOLLOWING ARE BLENDS PRODUCED AT LICENSED BLENDING PLANTS

COOP SUPPLY OF LAKE COUNTY								
10-30-10	Ronan	2-1097	10	15.5	30	21.1	10	3.0
COOP SUPPLY, TOWNSEND								
15-30-15	Townsend	2-1120	15	15.1	30	32.0	15	13.3
FARMERS UNION CENTRAL EXCHANGE BULK PLANT, FROID								
25-25-0	Froid	2-0122	25	25.6	25	25.1		
20-20-12	Froid	2-0121	20	17.8	20	21.4	12	16.0
FARMERS UNION CENTRAL EXCHANGE BULK PLANT, HARLEM								
29-14-0	Harlem	2-0285	29.0	29.3	14.0	14.4		
25-25-0	Harlem	2-0281	25.0	24.7	25.0	28.0		
20-20-12	Harlem	2-0284	20.0	19.0	20.0	21.0	12.0	13.4
17-14-19	Harlem	2-0293	17.0	17.1	14.0	15.4	19.0	21.6
18-46-0	Harlem	2-0280	18.0	18.6	46.0	46.4		
0-33-16	Harlem	2-0282			33.0	34.2	16.0	13.0
FARMER UNION OIL STATION								
25.5-11.2-0	Worden	2-0168	25.5	24.9	11.2	12.0		
PEAVEY COMPANY BULK PLANT, RONAN								
22.62-6.9-15	Ronan	2-1098	22.62	27.1	6.9	8.2	15.0	7.0
PEAVEY COMPANY BULK PLANT, MANHATTAN								
25-25-0	Manhattan	2-1419	25.0	25.0	25.0	27.1		
PEAVEY COMPANY BULK PLANT, GLASGOW								
26-23-0	Glasgow	2-332	26.0	26.5	23.0	23.2		
IRWIN-TAYLOR FERTILIZER, SHELBY								
0-0-60	Shelby	2-1090					60	53.6

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MONTANA DEPARTMENT OF AGRICULTURE

Feed and Fertilizer Division

SUMMARY OF FERTILIZER AND FERTILIZER MATERIAL SOLD IN MONTANA

January - June 1972

MATERIALS	Jan-June* (tons)	July-Dec (tons)	Total (tons)
1. Anhydrous Ammonia (82-0-0)	1,330	935	2,265
2. Ammonium Nitrate	49,294	16,791	66,085
3. Ammonium Sulfate (21-0-0)	1,882	1,301	3,183
4. Urea	124	46	170
5. Nitrogen Solutions (Aqua Ammonia, Urea Solutions and Urea, Ammonia Nitrate Solutions)	2,812	569	3,381
6. Superphosphate (0-45-0, 0-46-0)	7,872	6,074	13,946
7. Phosphoric Acid	1,650	2,093	3,743
8. Gypsum, Lime and Sulphur	298	204	502
9. Potash	2,707	1,320	4,027
10. Micro Nutrient Materials	100	8	108
AMMONIATED PHOSPHATES AND MIXTURES			
11. 18-46-0	30,051	27,374	57,425
12. 16-20-0	14,384	6,180	20,564
13. 11-48-0	6,851	8,058	14,909
14. 11-55-0	5,359	9,003	14,362
15. 27-14-0	2,412	1,251	3,663
16. 27-12-0, 29-14-0, 28-14-0	6,854	3,694	10,548
17. 1-1-0 ratios such as 23-23-0	1,620	857	2,477
18. 1-1-1 ratios such as 16-16-16	457	77	534
19. Miscellanious farm grades	413	697	1,110
20. Miscellaneous specialty grades	881	380	1,261
21. Liquid Mixtures	335	1,263	1,598
TOTAL, All Fertilizers and Materials	138,754	88,115	226,939
TOTAL NITROGEN	31,336	15,831	47,167
TOTAL P_2O_5	29,620	27,463	57,083
TOTAL K_2O	1,781	835	2,616

FERTILIZER BY GRADES USED IN PREPARING CUSTOMER FORMULA BLENDS

(Included in first page)

MATERIAL	Jan-June (tons)	July-Dec (tons)	Total (tons)
1. Ammonium Nitrate	18,129	5,997	24,126
2. Ammonium Sulfate (21-0-0)	995	500	1,495
3. Nitrogen Solutions	160		160
4. Superphosphates (0-45-0 0-46-0)	1,429	1,023	2,452
5. Potash	2,185	1,037	3,222
6. Sulfur	22	5	27
7. Micro Nutrient Materials	37	8	45
8. Gypsum	202	52	254
AMMONIUM PHOSPHATES AND DRY MIXTURES			
9. 18-46-0	9,819	6,118	15,937
10. 16-20-0	2,366	831	3,197
11. 11-48-0	1,580	601	2,181
12. 11-55-0	179	1,217	1,396
13. 27-14-0 and 28-14-0	183		183
14. Liquid Mixtures	654		654
15. Miscellaneous or not reported as to grade	152	830	982
TOTAL FERTILIZER MATERIALS USED IN BLENDING	38,420	18,219	56,639